



OCADIA

Hybrid Ryegrass (4n)

Lolium x hybridum Hausskn.

Things to know

The variety Ocadia belongs to the intermediate type of hybrid ryegrass and it forms considerably less stems in the estival growth than the Italian type like the variety Rusa. Thereby, Ocadia has a higher digestibility. Ocadia provides high yields and shows a very good endurance. Its resistances against rust fungi and bacterial wilt are excellent.

Descent

Base material

Selection within breeding material from Reckenholz, emerged from a colchicine treatment.

M0 seed

Row trial 2001 (LH0105) with seed harvest on 4 clone progenies from a polycross with 6 clones.

Literature

Frick R., Suter D., Dereuder E., Hirschi H.-U., 2021.

Sortenprüfung für Futterpflanzen: zwei Neuerungen beim Bastard-Raigras. Agrarforschung Schweiz 12(1), 151-156

Suter D., Frick R., Hirschi H.-U., Aebi P., 2015. Bastard-Raigras: 26 Sorten im Feld geprüft. Agrarforschung Schweiz 6(9), 392-399

National listing

Situation in Switzerland

On the Swiss List of Recommended Varieties of Forage Plants since 2010

Further registered in the following countries

Agronomic characteristics

Results of the official Swiss variety trials 2018-2020

(Frick et al. 2021) (Typ "IR/ER")

| | OCADIA | Mean |
|---------------------------------------|--------|------|
| Yield | 3.9 | 4.9 |
| General impression | 3.2 | 3.7 |
| Juvenile growth | 2.7 | 2.7 |
| Competing ability | 4.7 | 5.0 |
| Persistence | 4.1 | 4.8 |
| Resistance to winter conditions | 4.1 | 3.9 |
| Resistance to leafspots and rust | 2.2 | 2.5 |
| Resistance to bacterial wilt | 3.3 | 3.6 |
| Digestibility of the organic matter | 3.3 | 4.9 |
| Index (weighted average of all notes) | 3.6 | 4.1 |

Scoring scale 1 = very good; 5 = medium; 9 = very poor
 Yield Mean of 4 experimental sites over 2 years
 Mean Mean value of standard varieties

Description according to UPOV guidelines

DUS test conducted at Crossnacreevy, DARD (GBR), 2006-2008

| UPOV No | Characteristics | State of expression | Note |
|---------|--|---------------------|------|
| 1 | Ploidy | tetraploid | 4 |
| 2 | Plant: vegetative growth habit (without vernalization) | semi-prostrate | 7 |
| 3 | Plant: tendency to form inflorescences (without vernalization) | absent or very weak | 1 |
| 8 | Time of inflorescence emergence (after vernalization) | early | 3 |
| 10 | Flag leaf: length | long | 7 |
| 11 | Flag leaf: width | medium | 5 |
| 12 | Plant: length of longest stem including inflorescence | medium | 5 |

